

000000000000000000000000

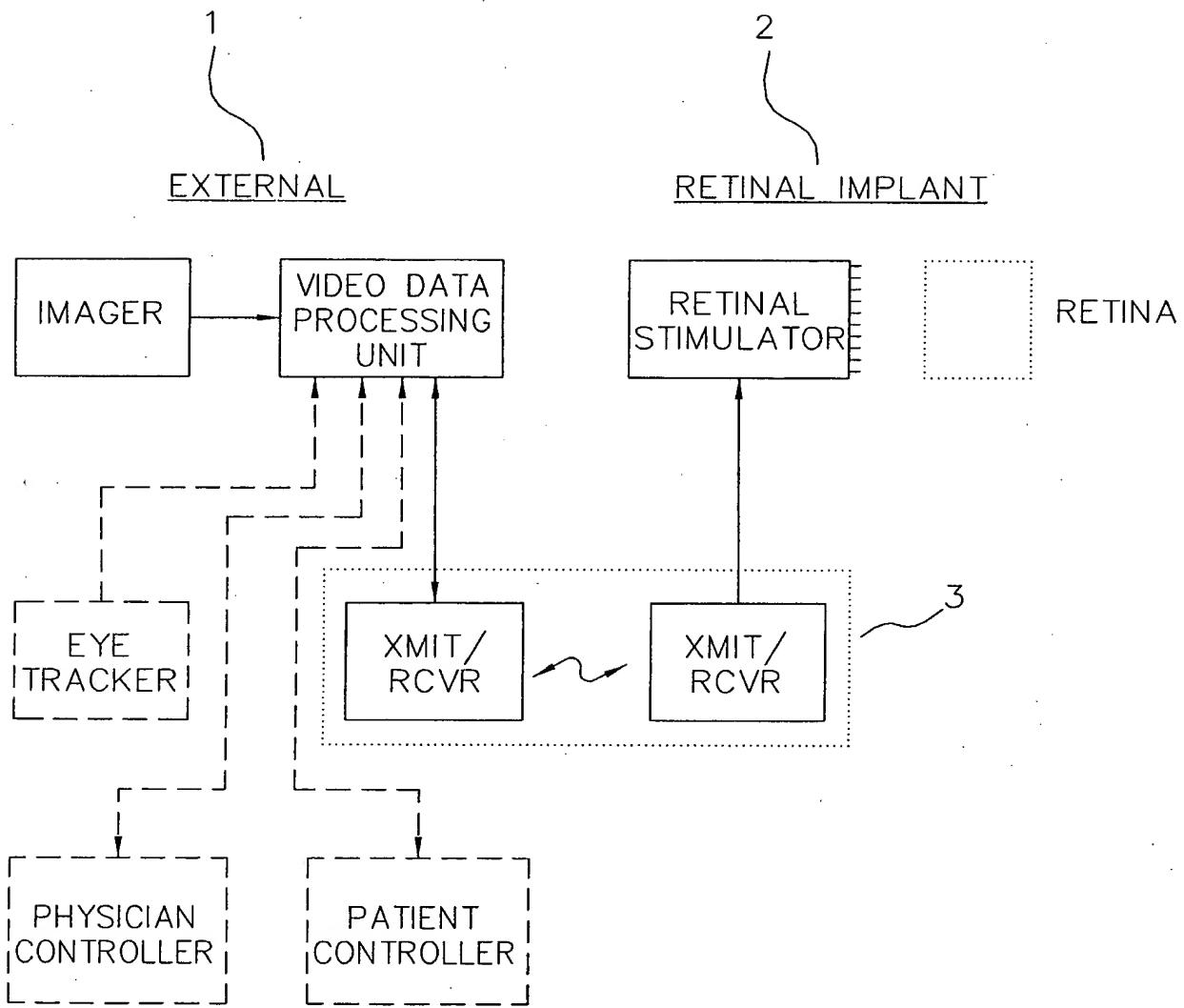


FIGURE 1a

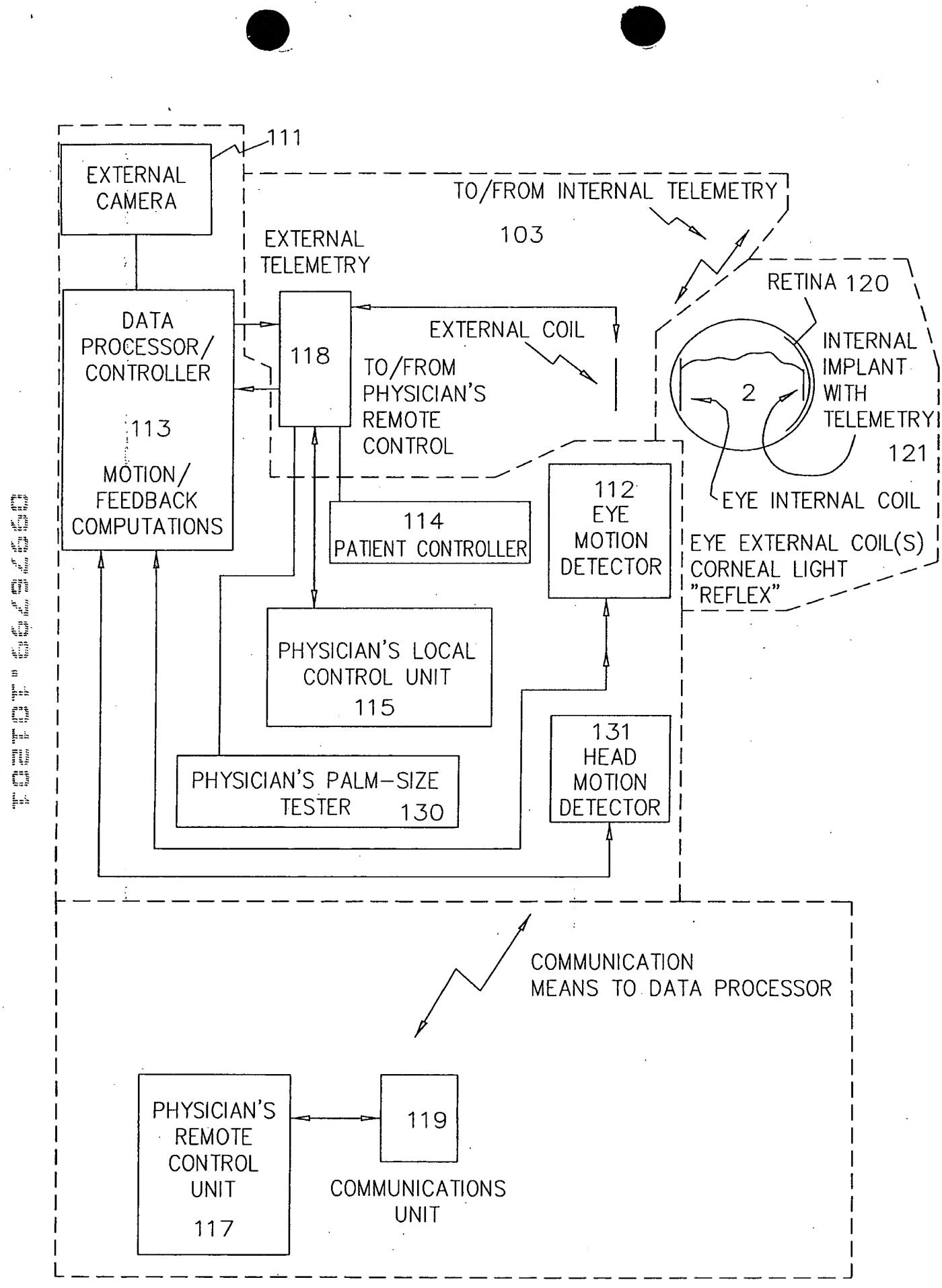


FIGURE 1b

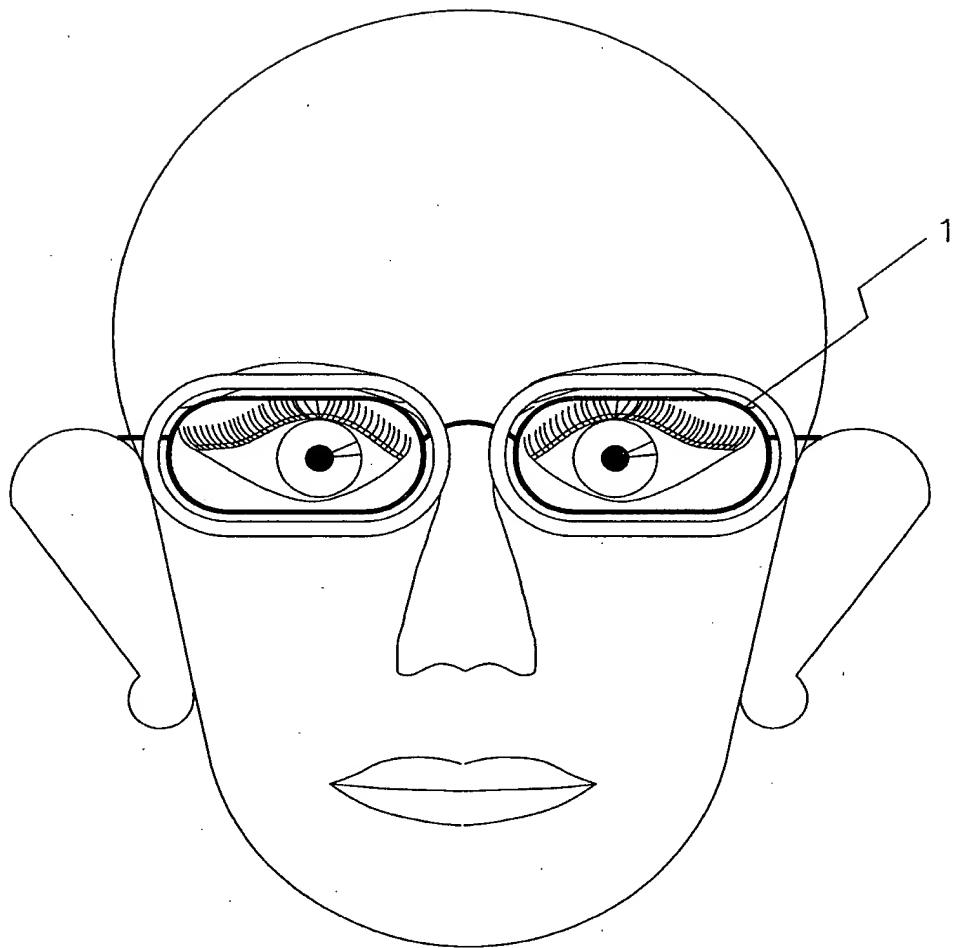


FIGURE 1c

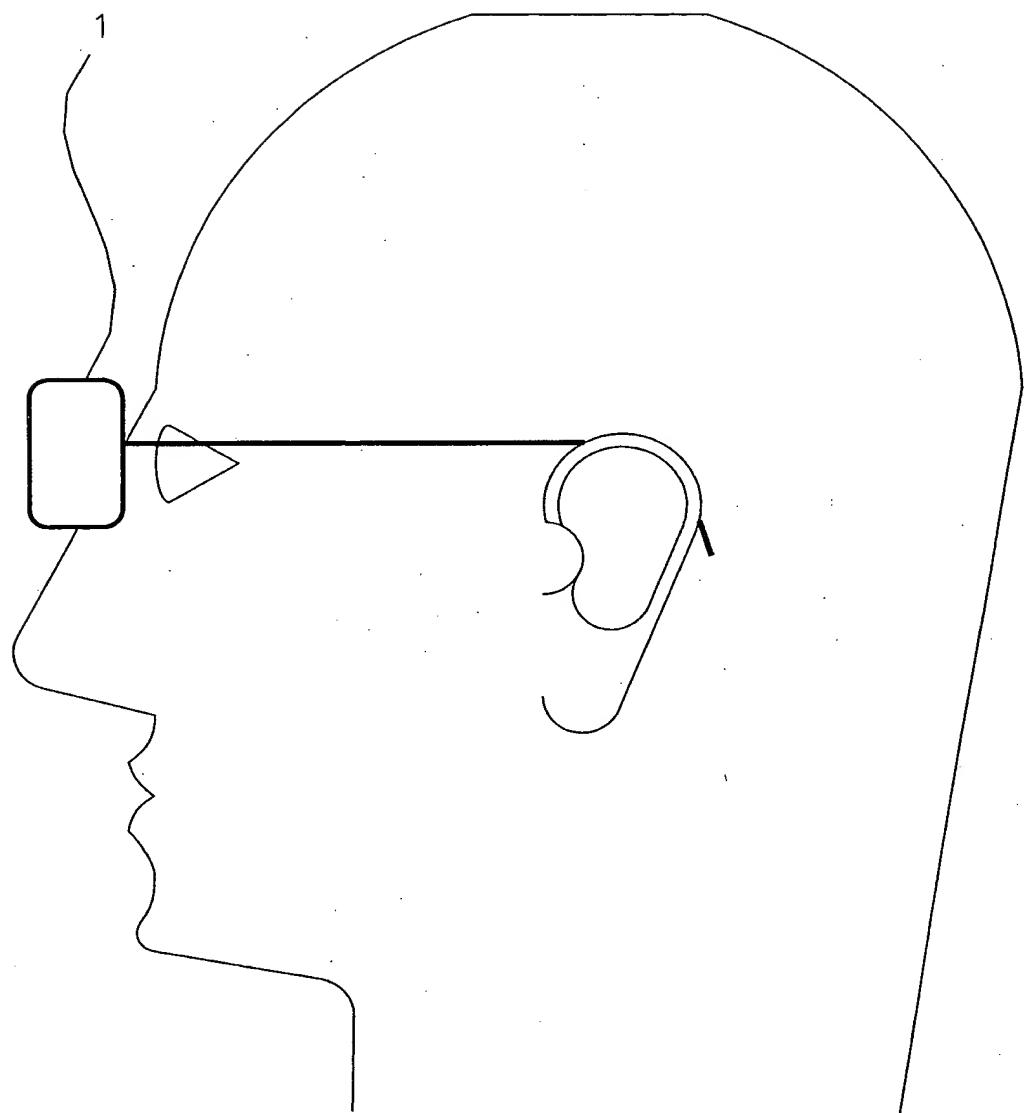
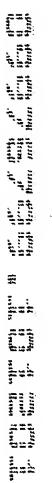


FIGURE 1d

203 201 211
212 216 215
213 217 214
C202 CYAN NEUTRAL
MAGENTA
RED
YELLOW

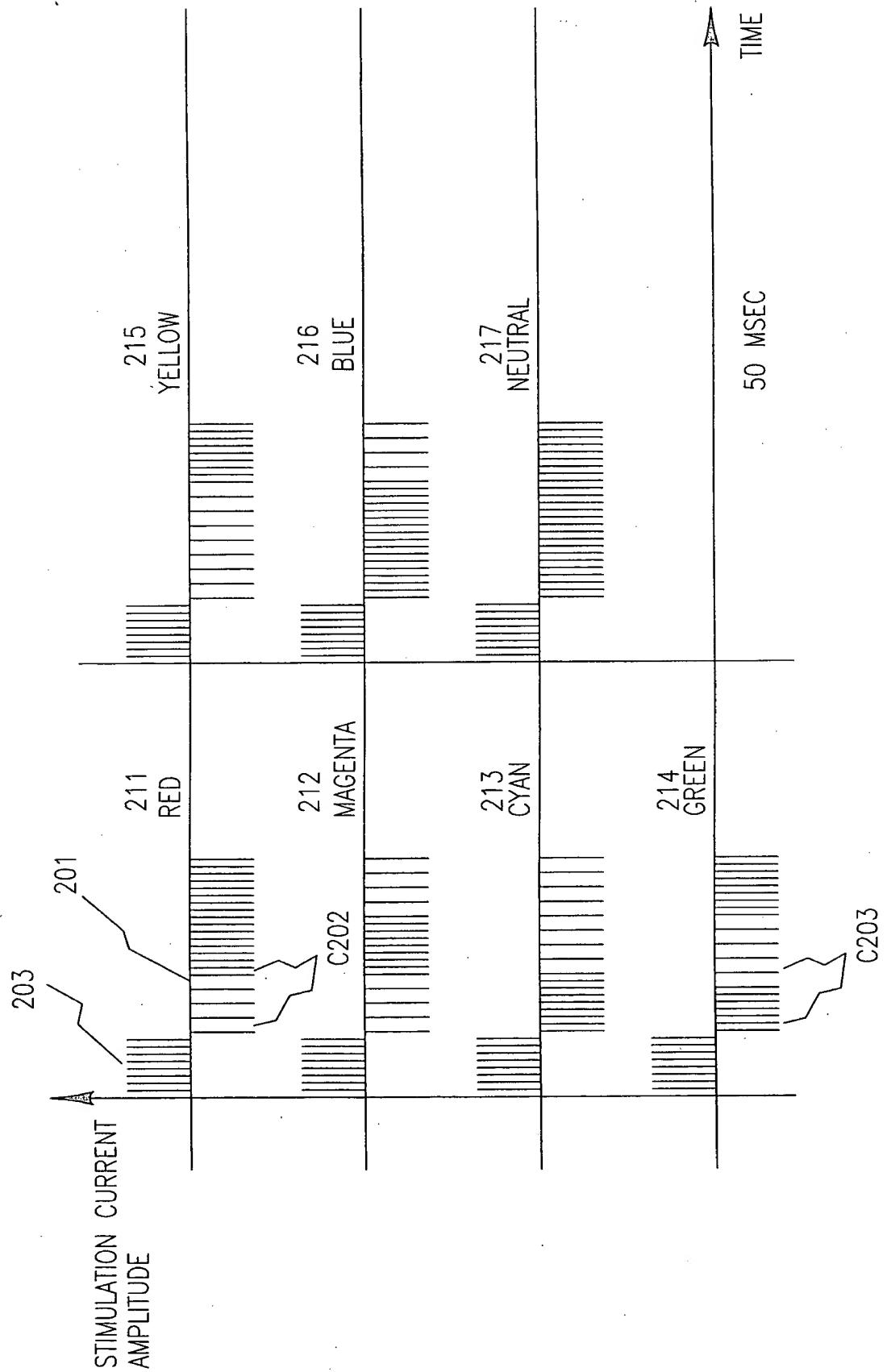
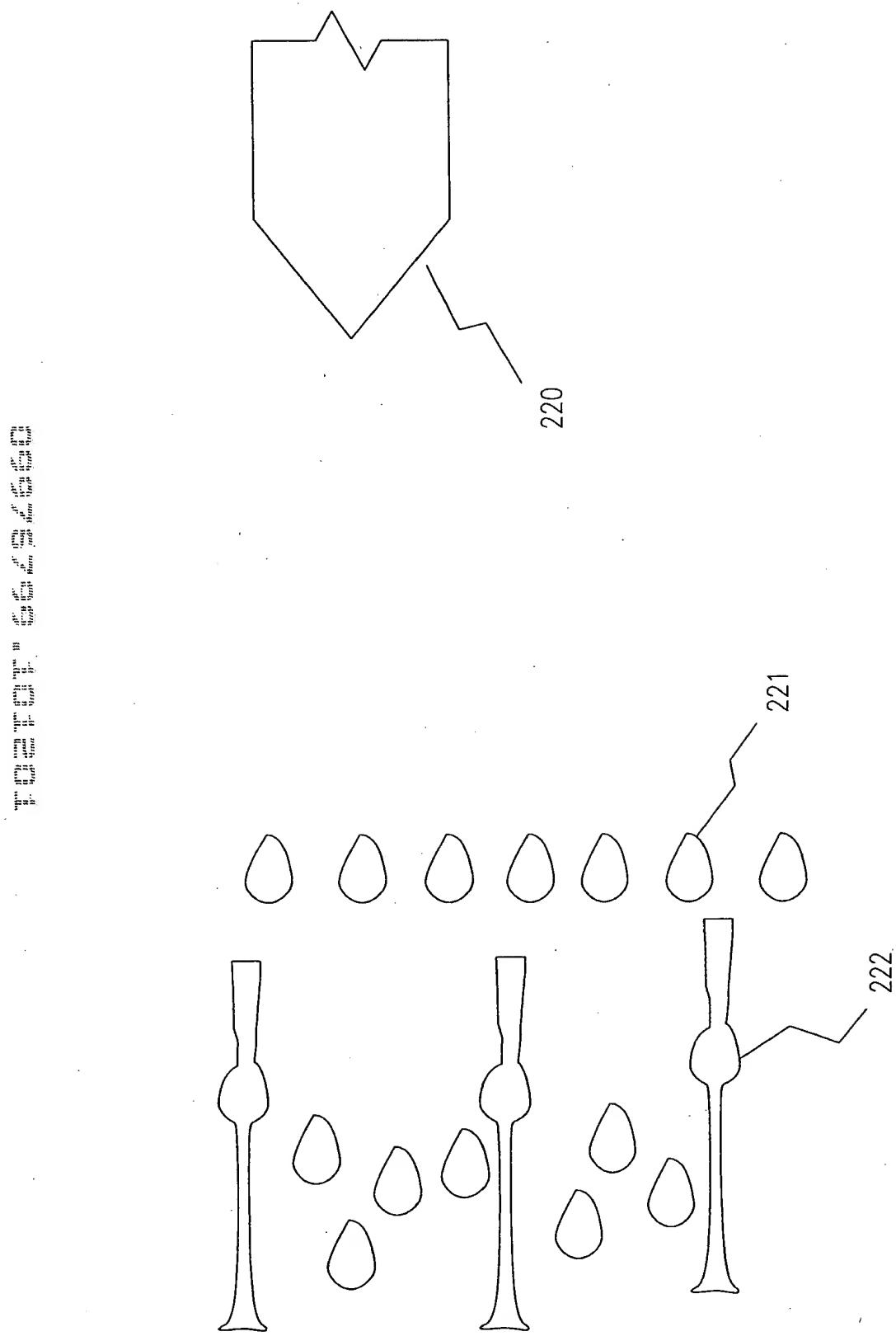


FIGURE 2a
COLOR CODING

FIGURE 2b



230
221
222

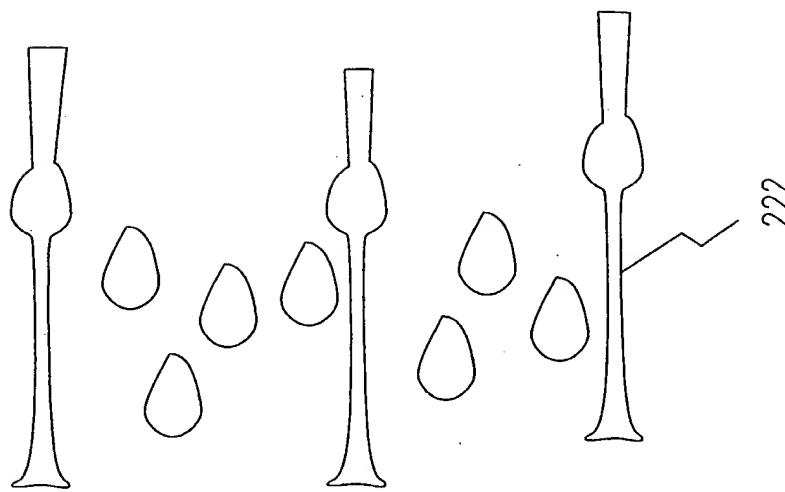
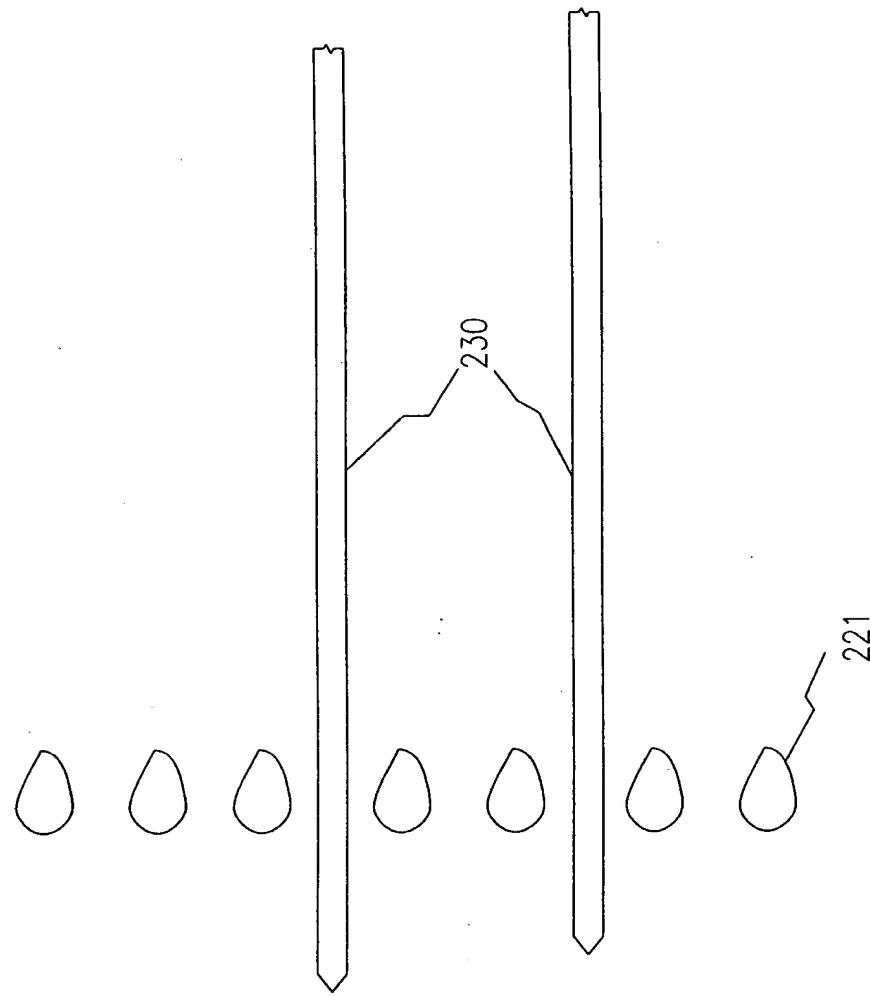
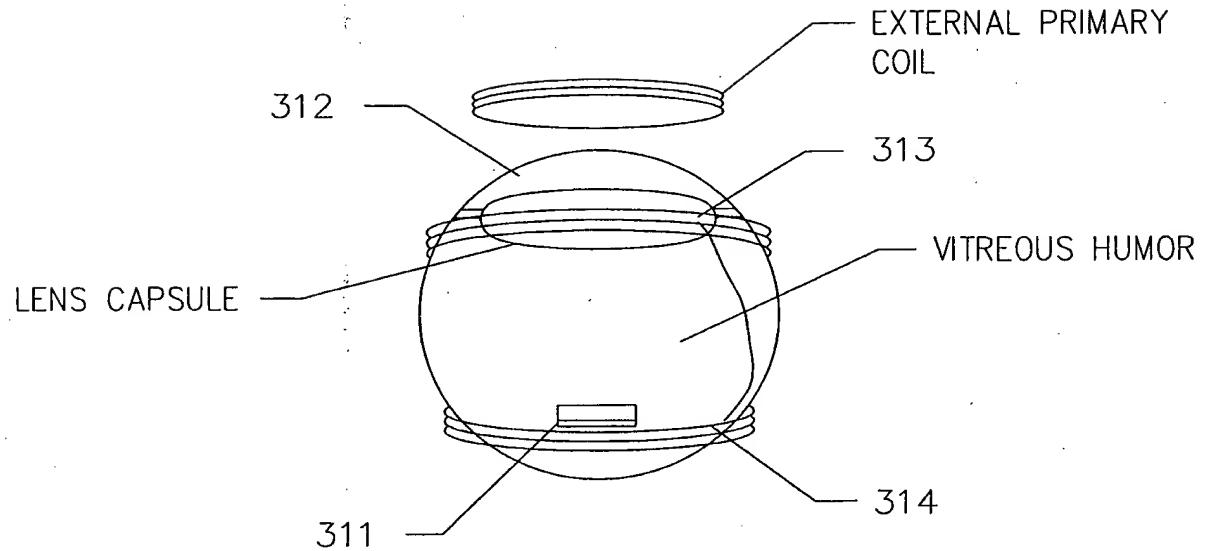


FIGURE 2c



EXTERNAL/INTERNAL TELEMETRY UNIT –
EXTERNAL COIL/INTERNAL COIL /INTERNAL CHIP

FIGURE 3a

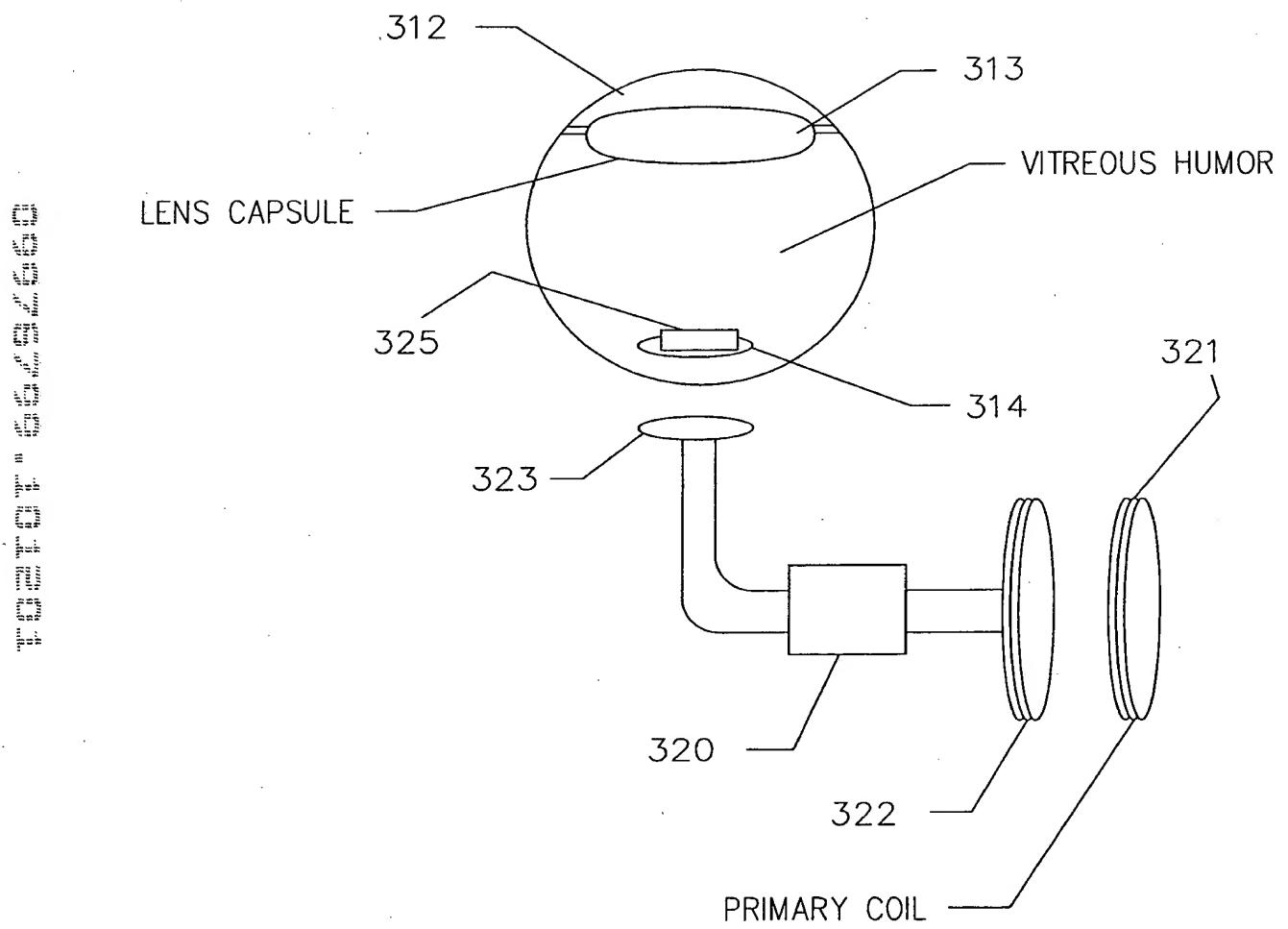


FIGURE 3b

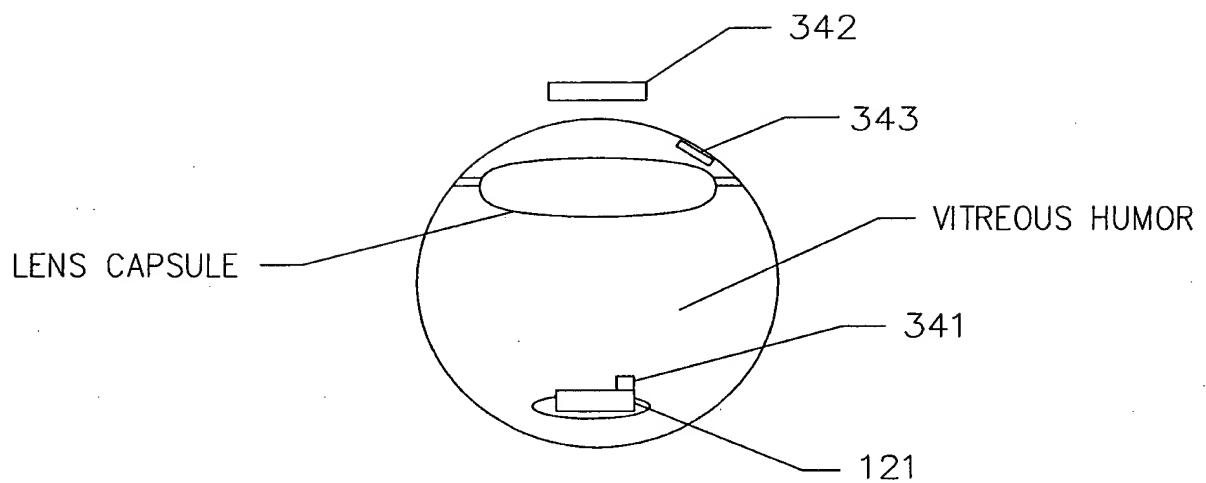


FIGURE 3c

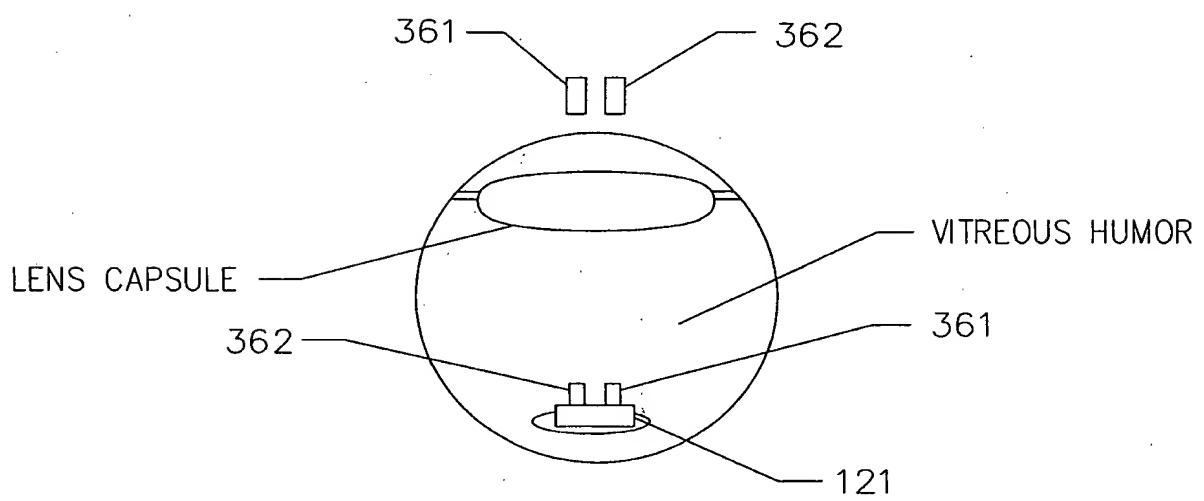


FIGURE 3d

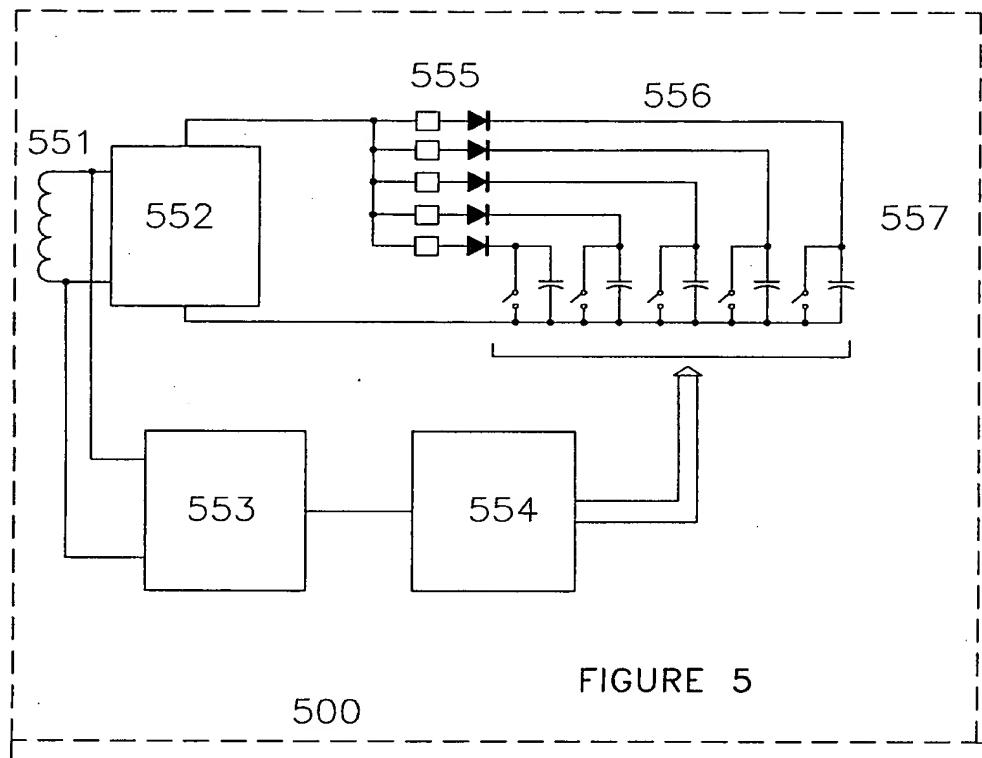
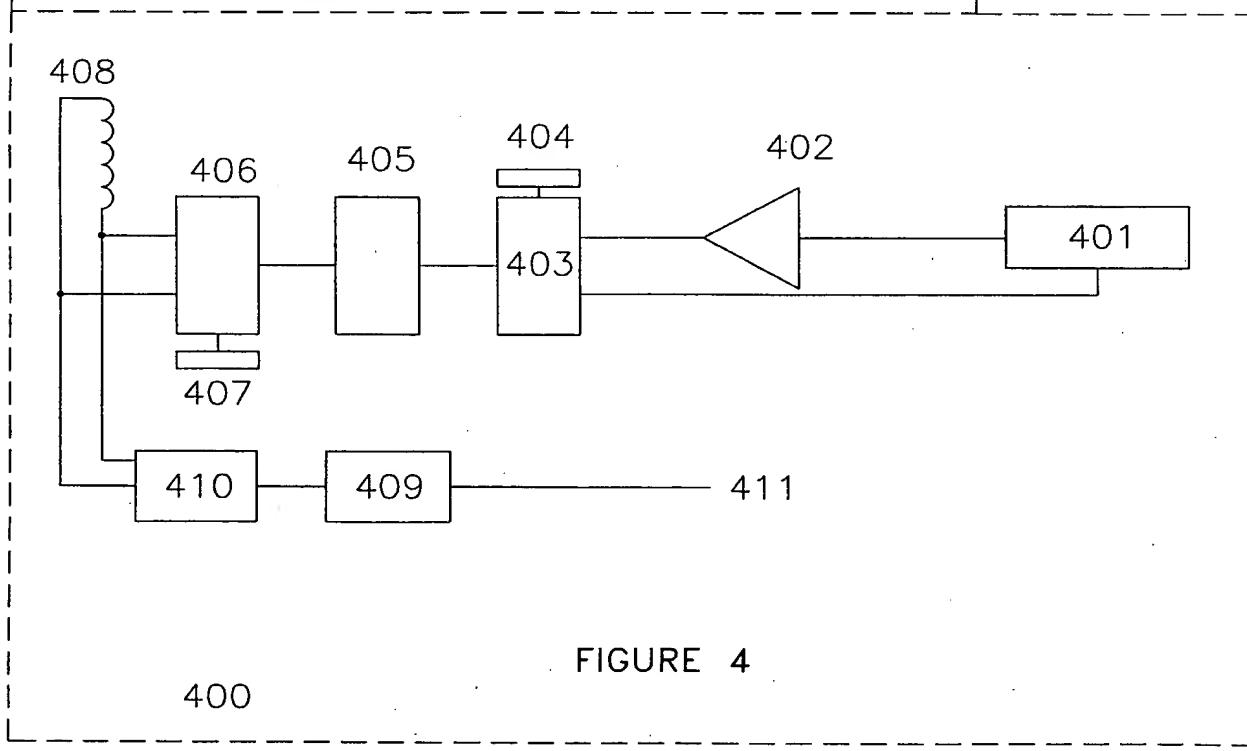
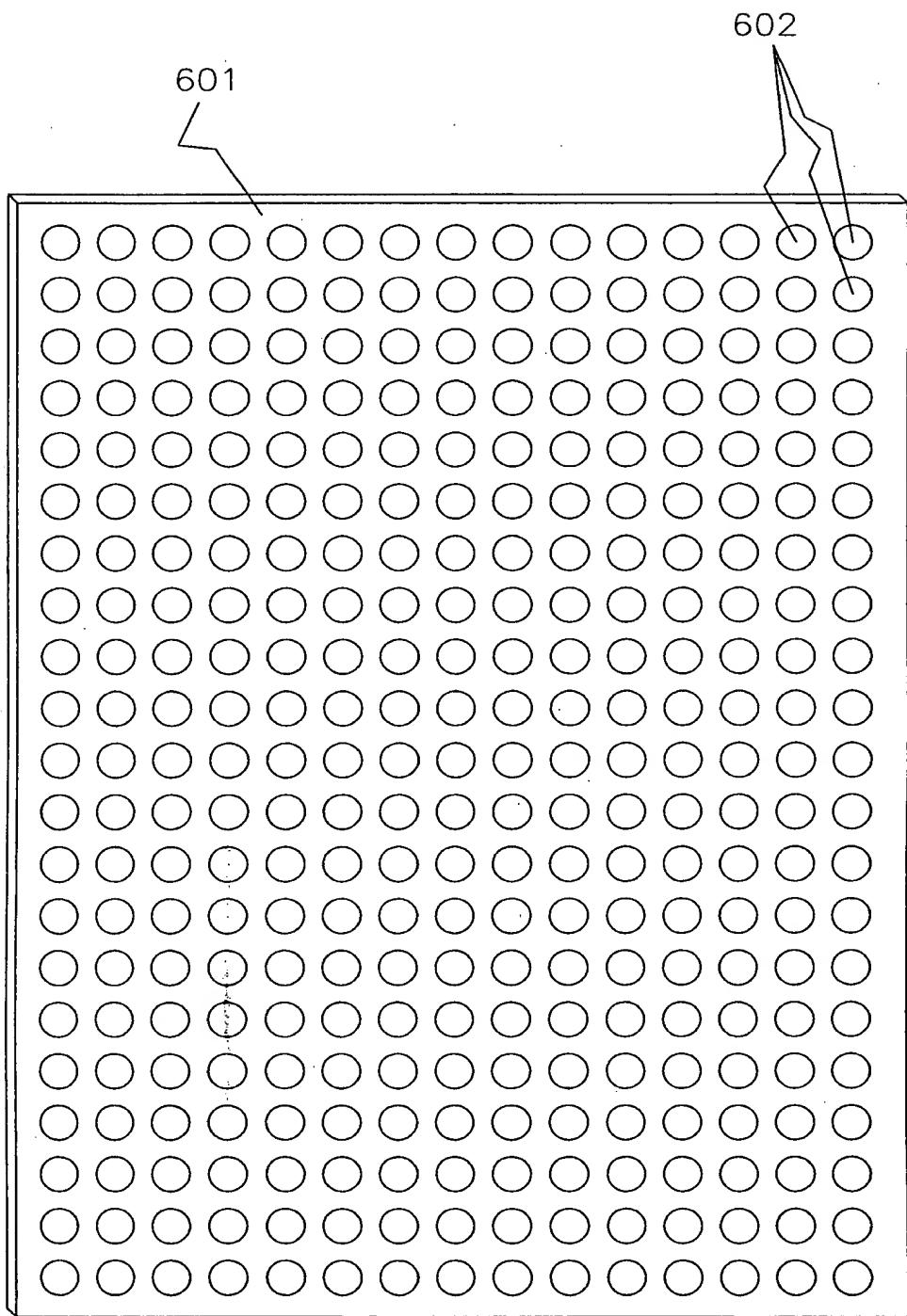


FIGURE 5



00000000000000000000



ELECTRODES ON SUBSTRATE

FIGURE 6a

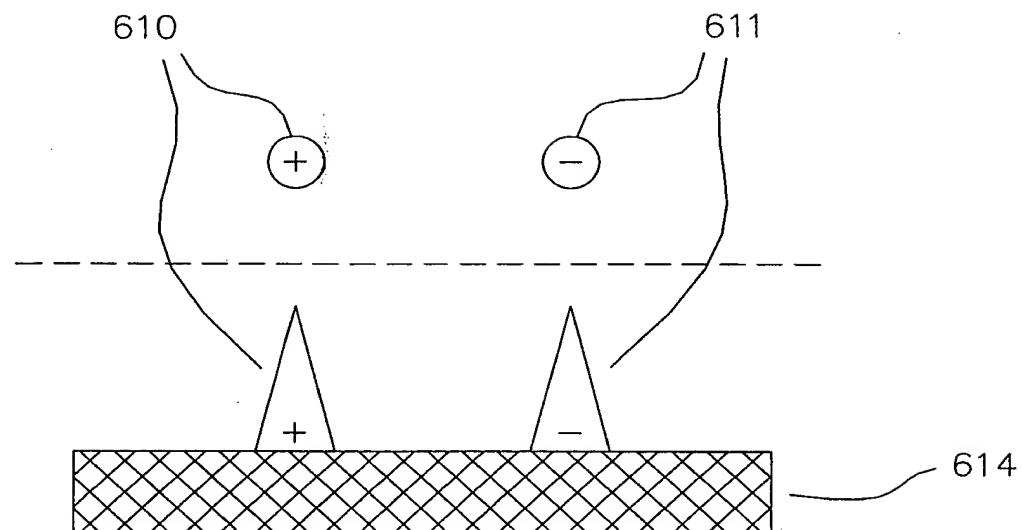


FIGURE 6b

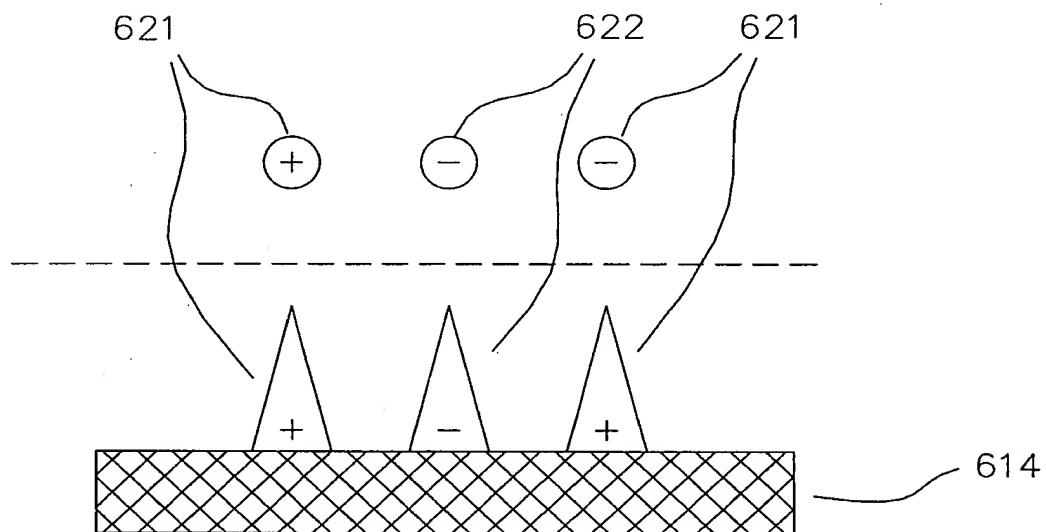
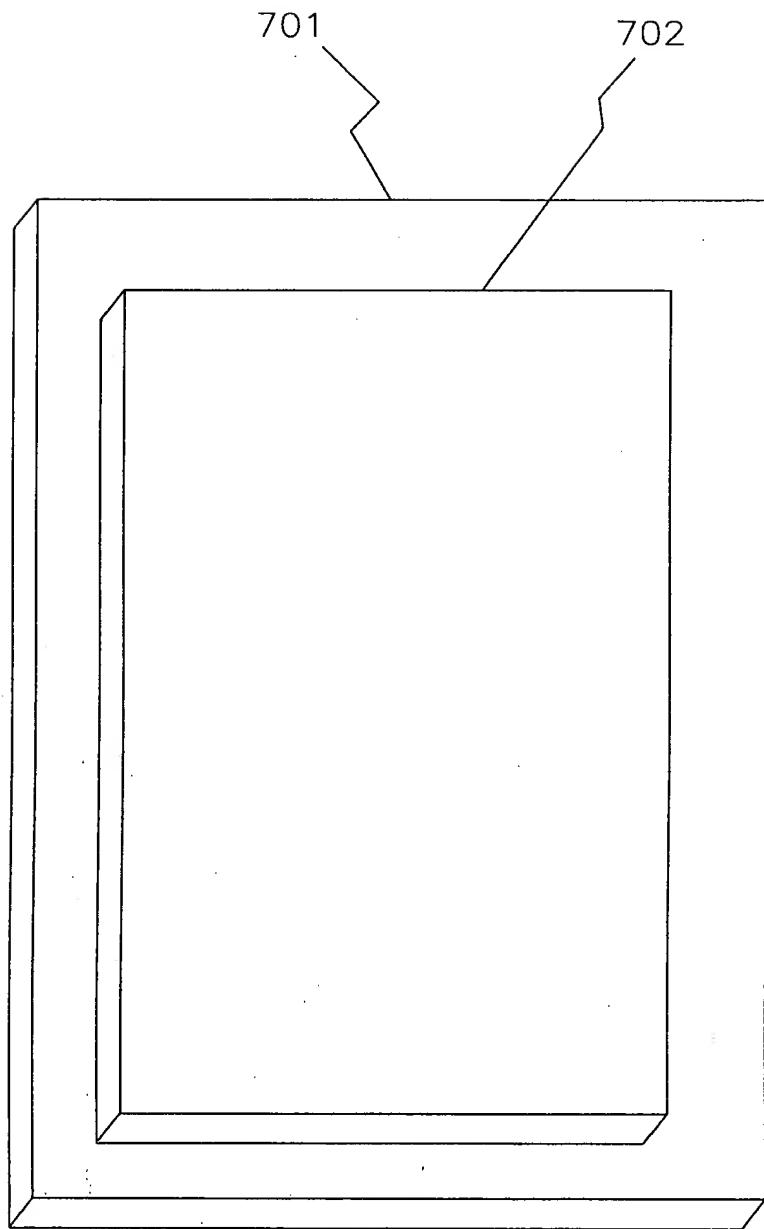


FIGURE 6c



INDIFFERENT ELECTRODE OF MONOPOLAR ELECTRODES

FIGURE 7

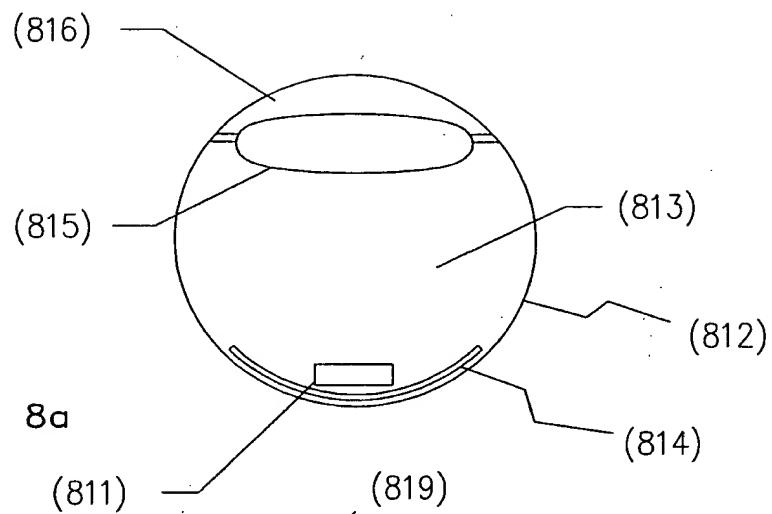


FIGURE 8a

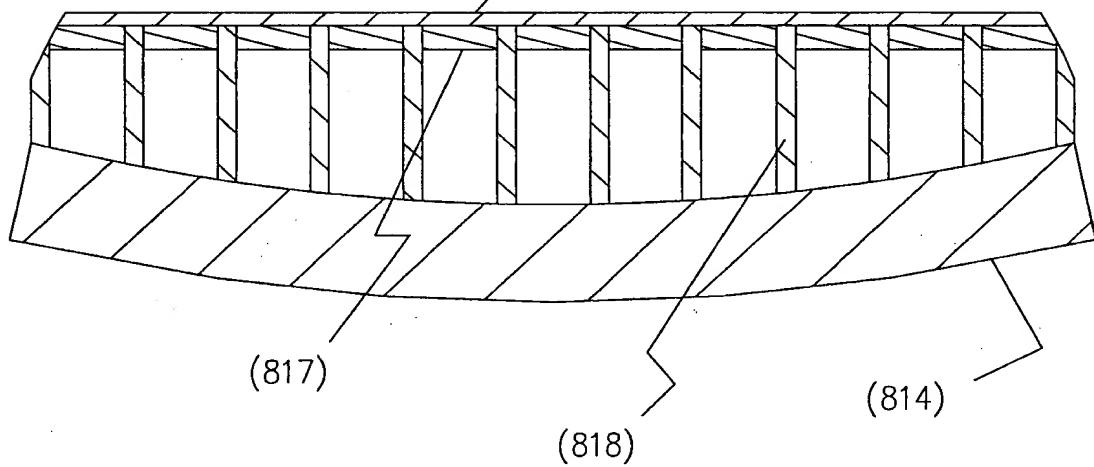


FIGURE 8b
EPIRETINAL ELECTRODES - RECESSED

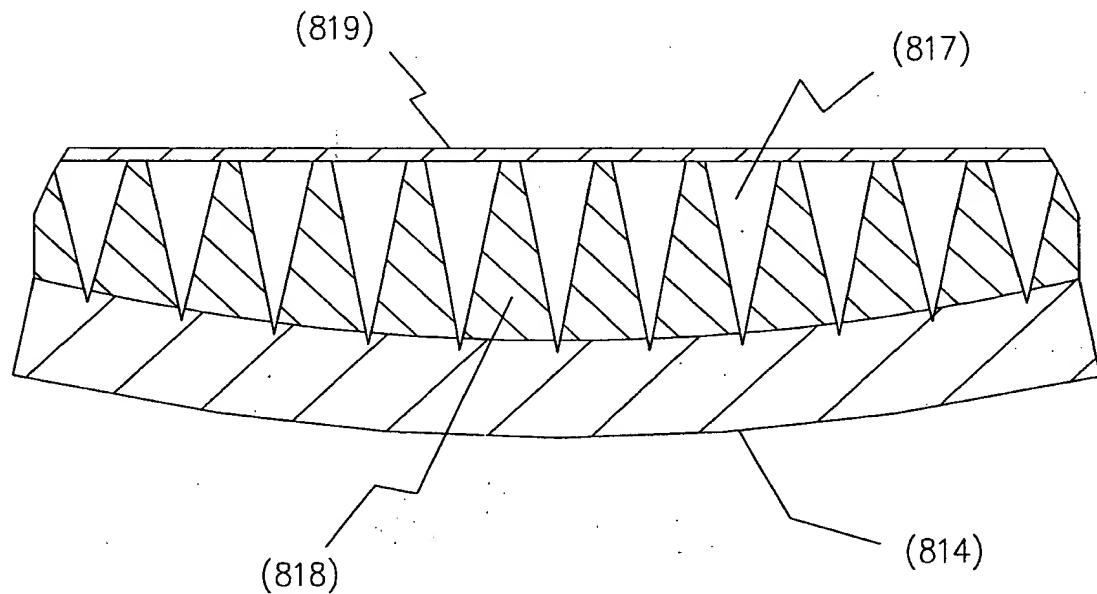


FIGURE 8c
EPIRETINAL ELECTRODES - PENETRATING

RECORDED BY SPACER

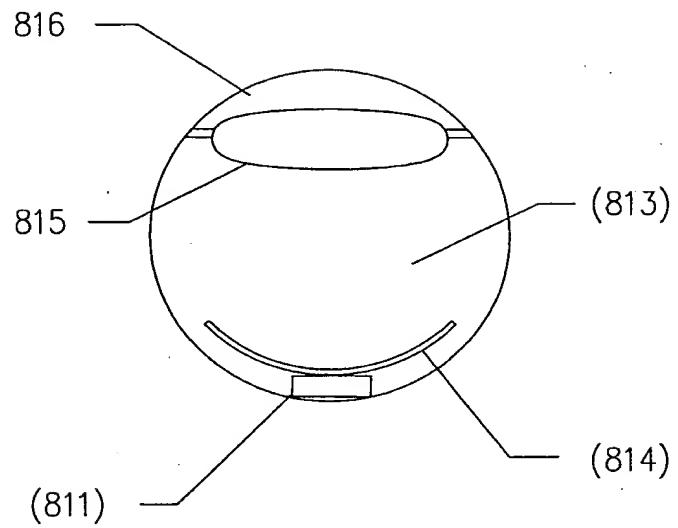


FIGURE 9a

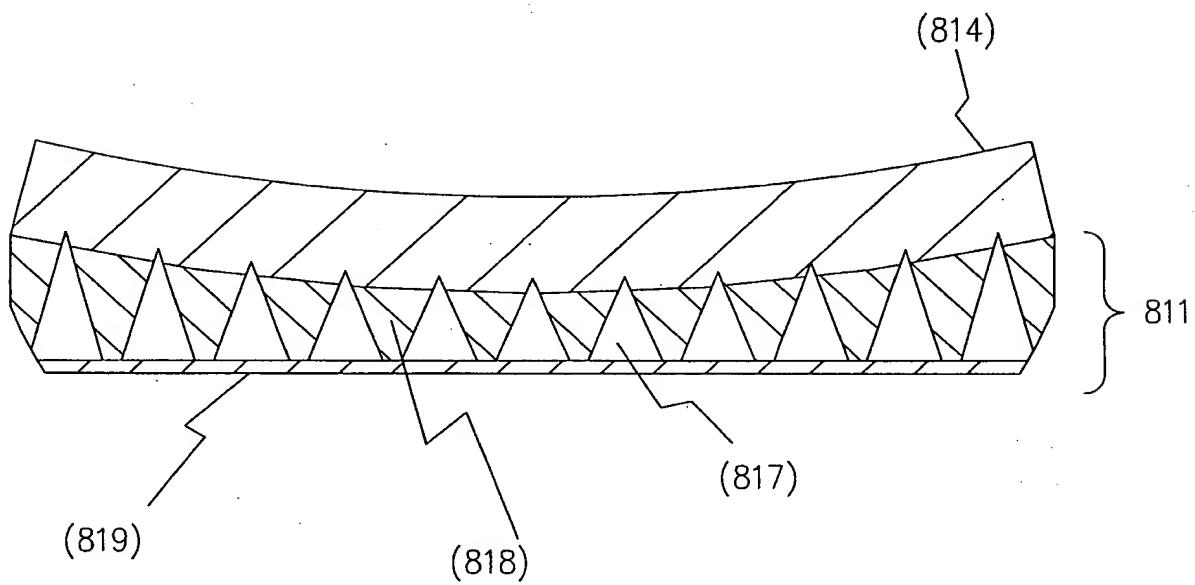


FIGURE 9b
SUBRETINAL ELECTRODES - PENETRATING

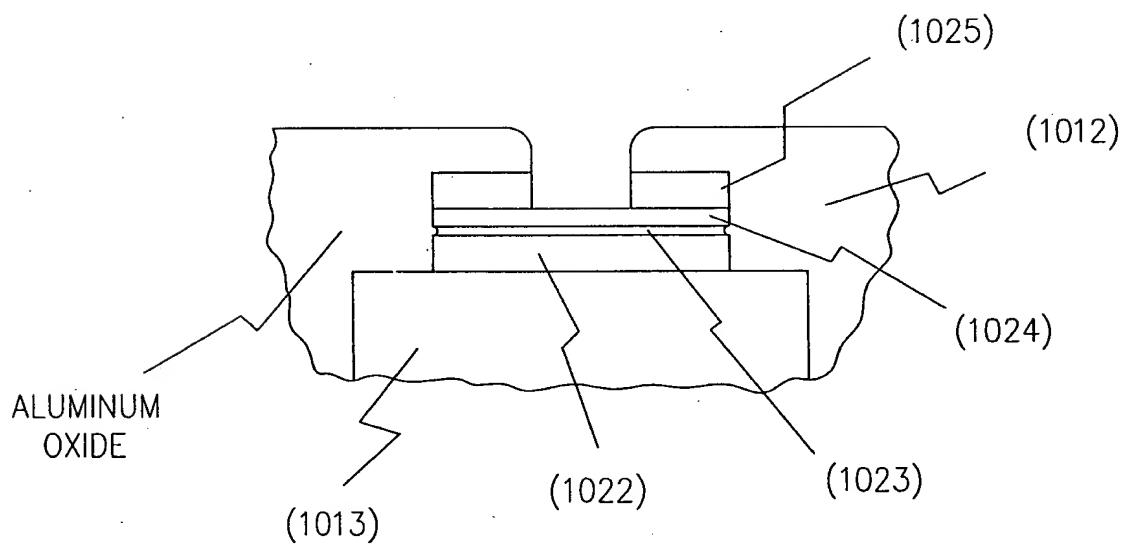
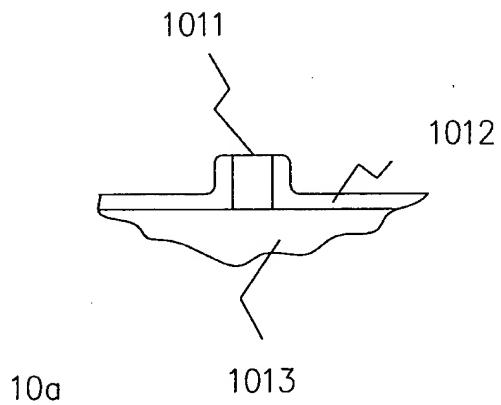
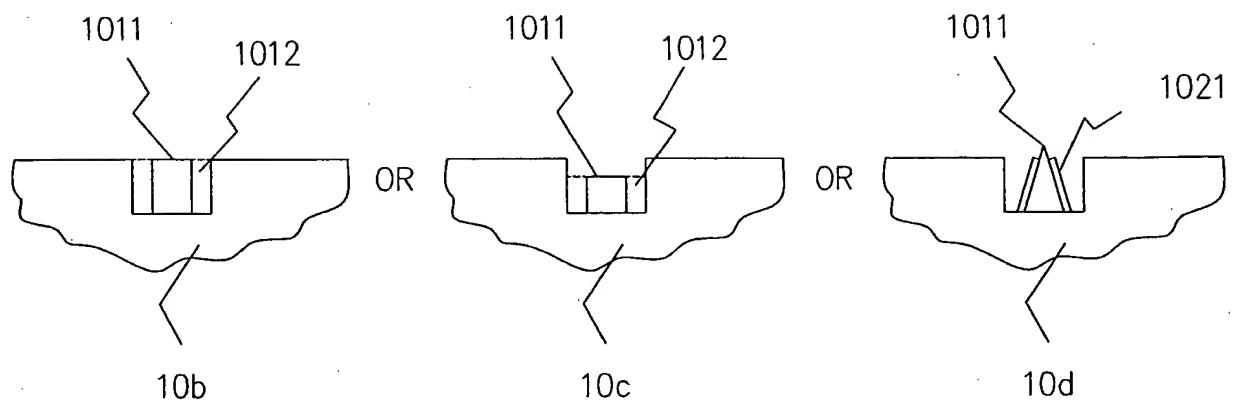


FIGURE 10

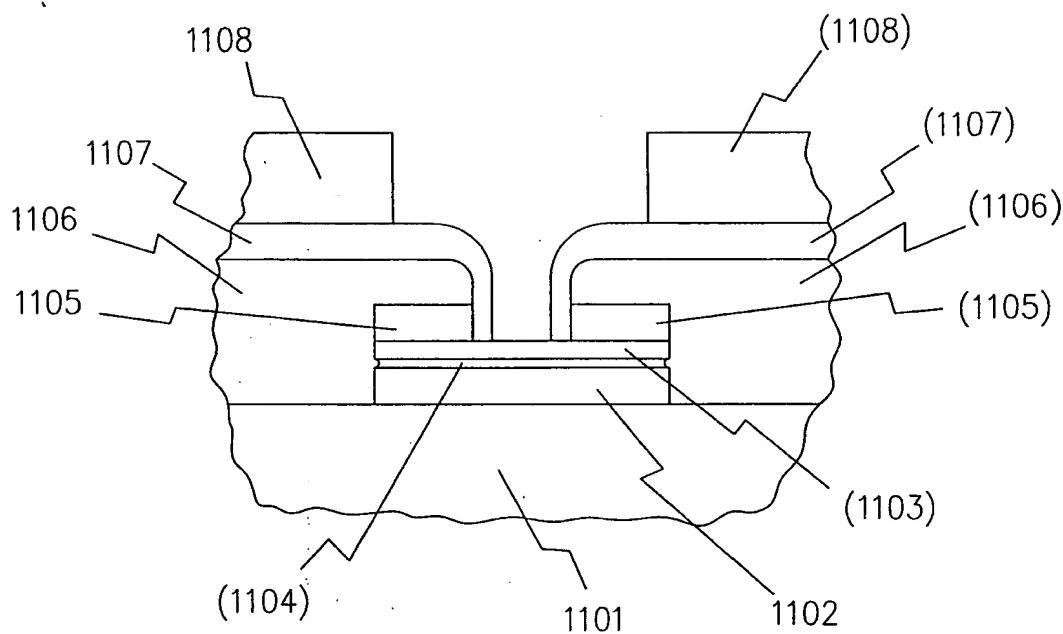


FIGURE 11a
ELECTRODES

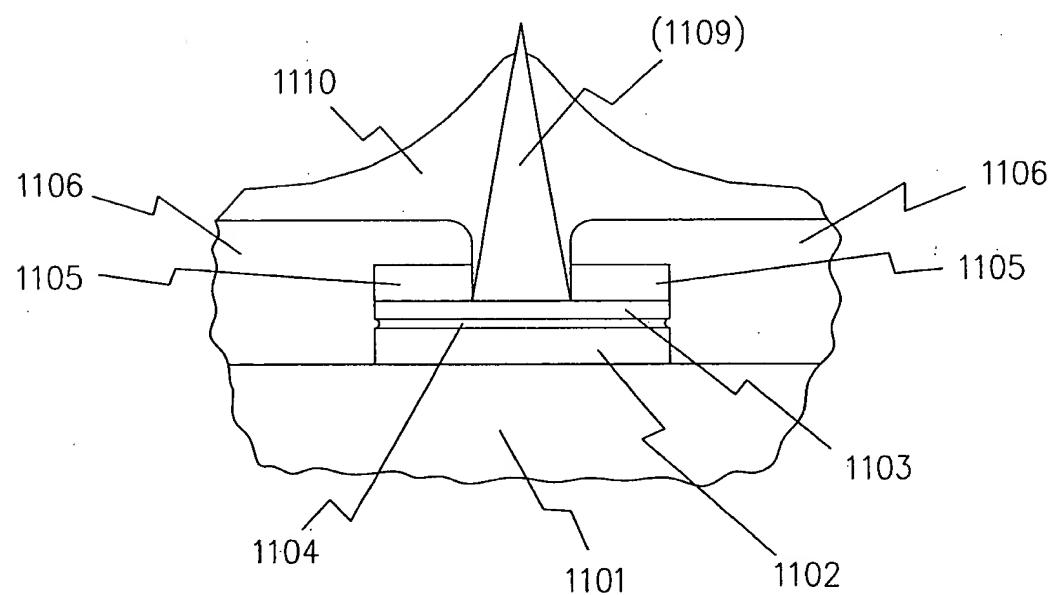


FIGURE 11b
ELECTRODES

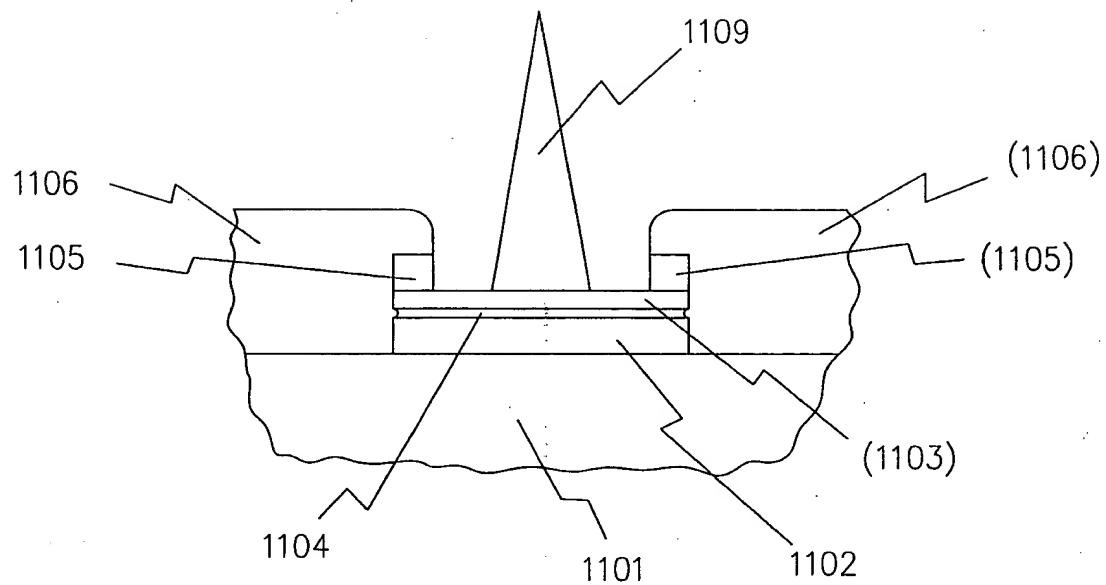


FIGURE 11c

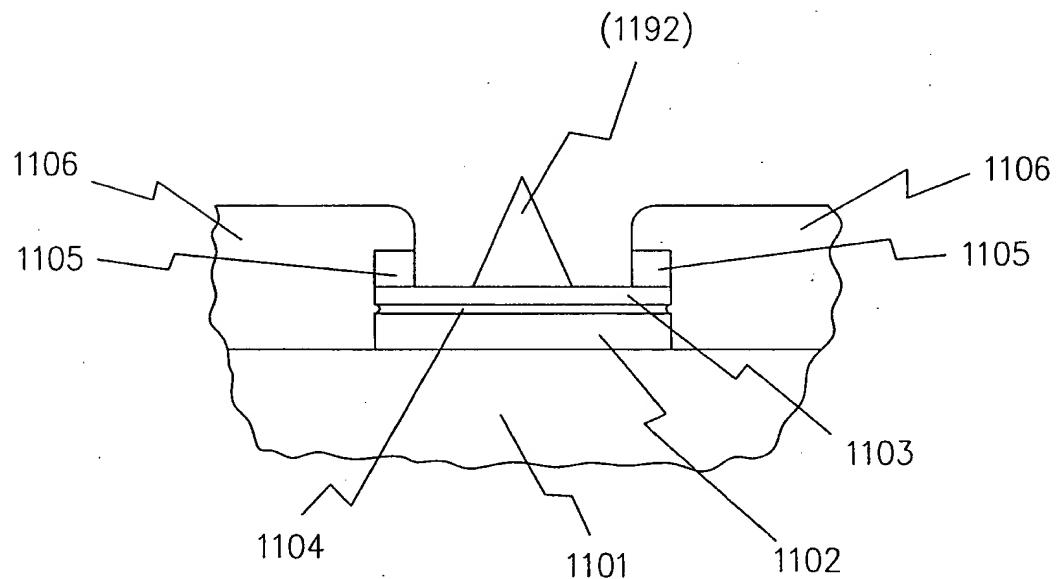


FIGURE 11d

1101
1102
1103
1104
1105
1106

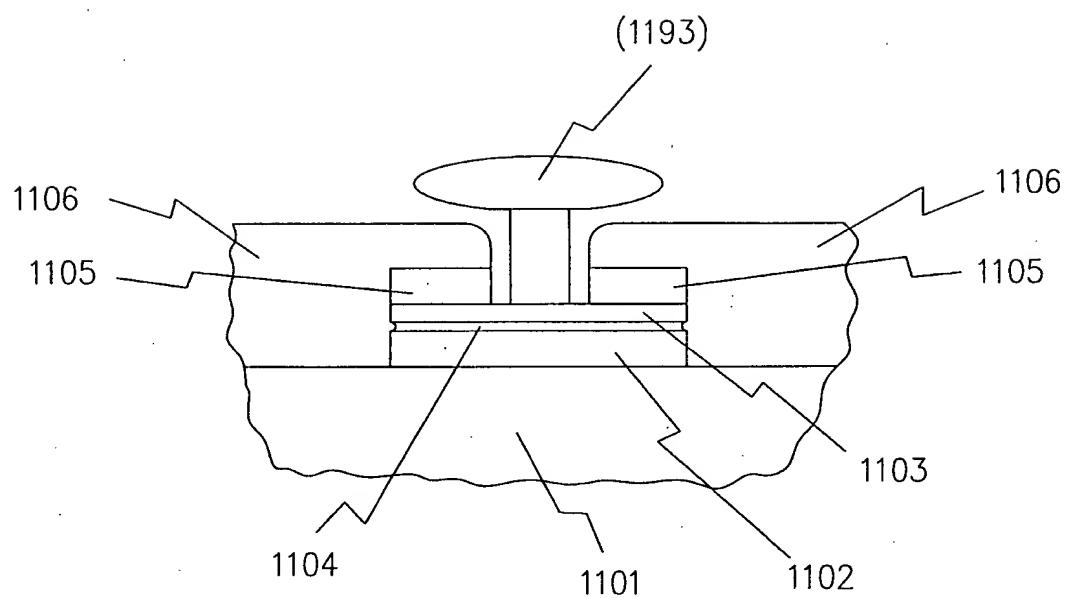


FIGURE 11e

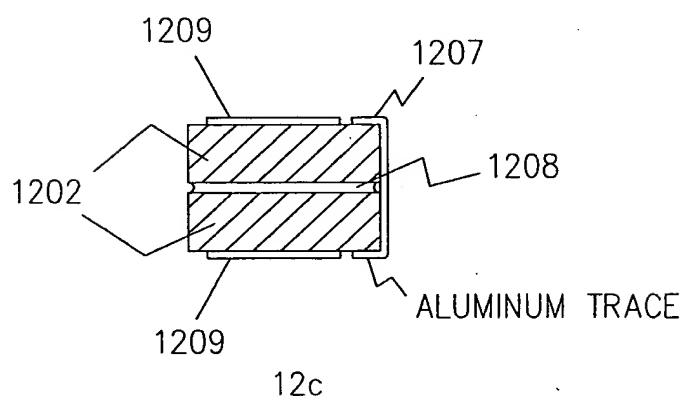
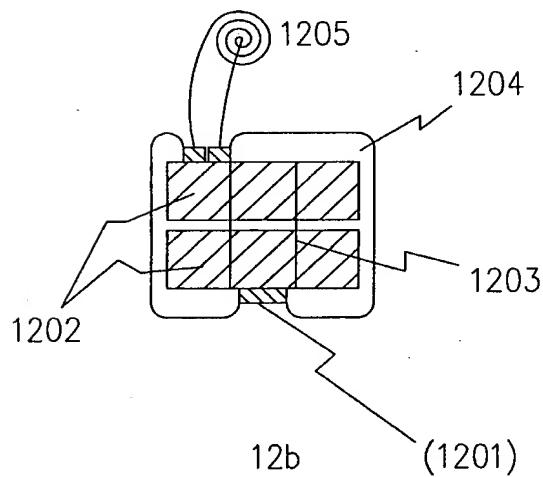
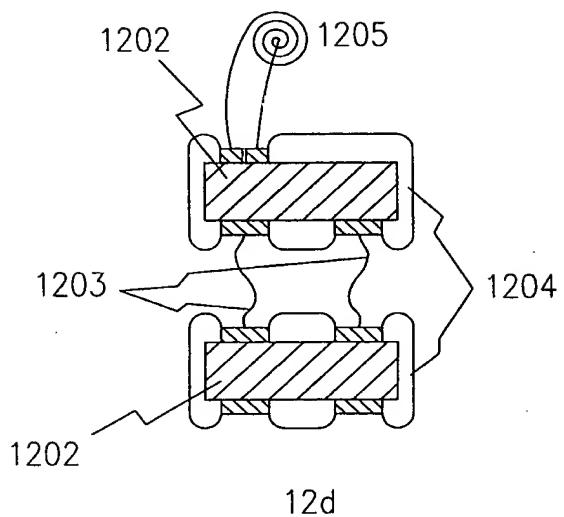
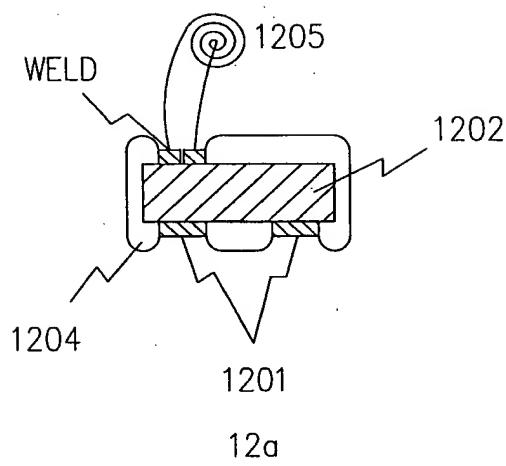


FIGURE 12
COIL AND WIRE ATTACHMENT TO SUBSTRATES AT ELECTRODE

1303
1304
1305
1306
1307

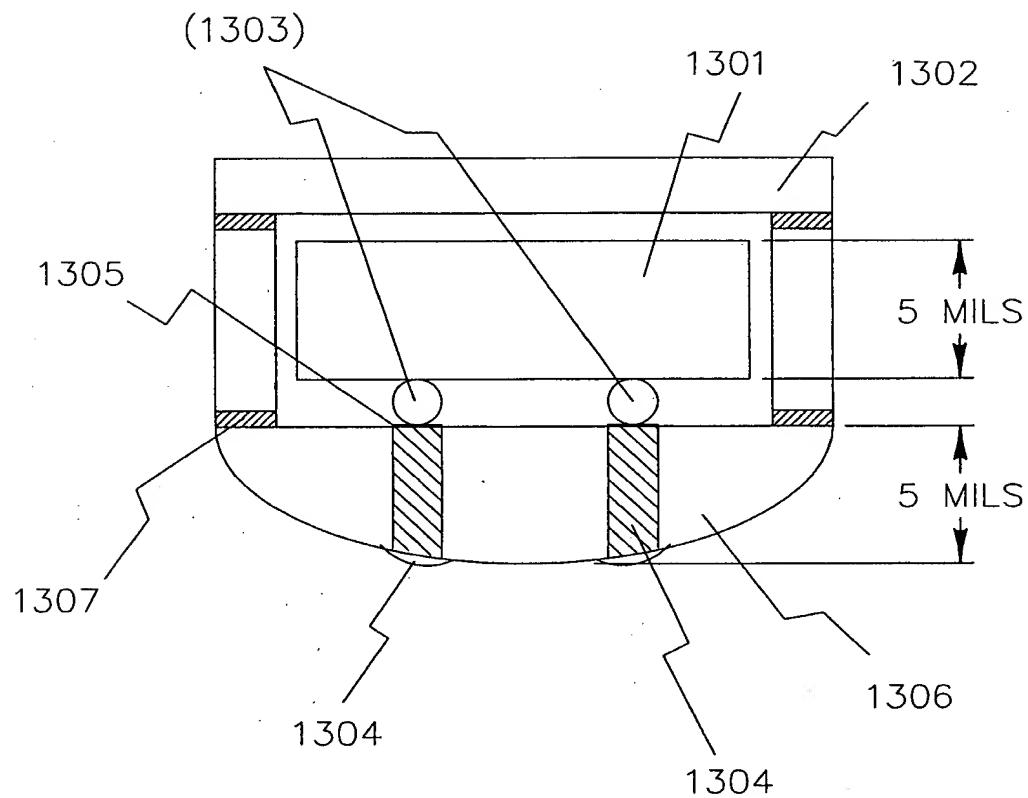


FIGURE 13
HERMETIC SEALING

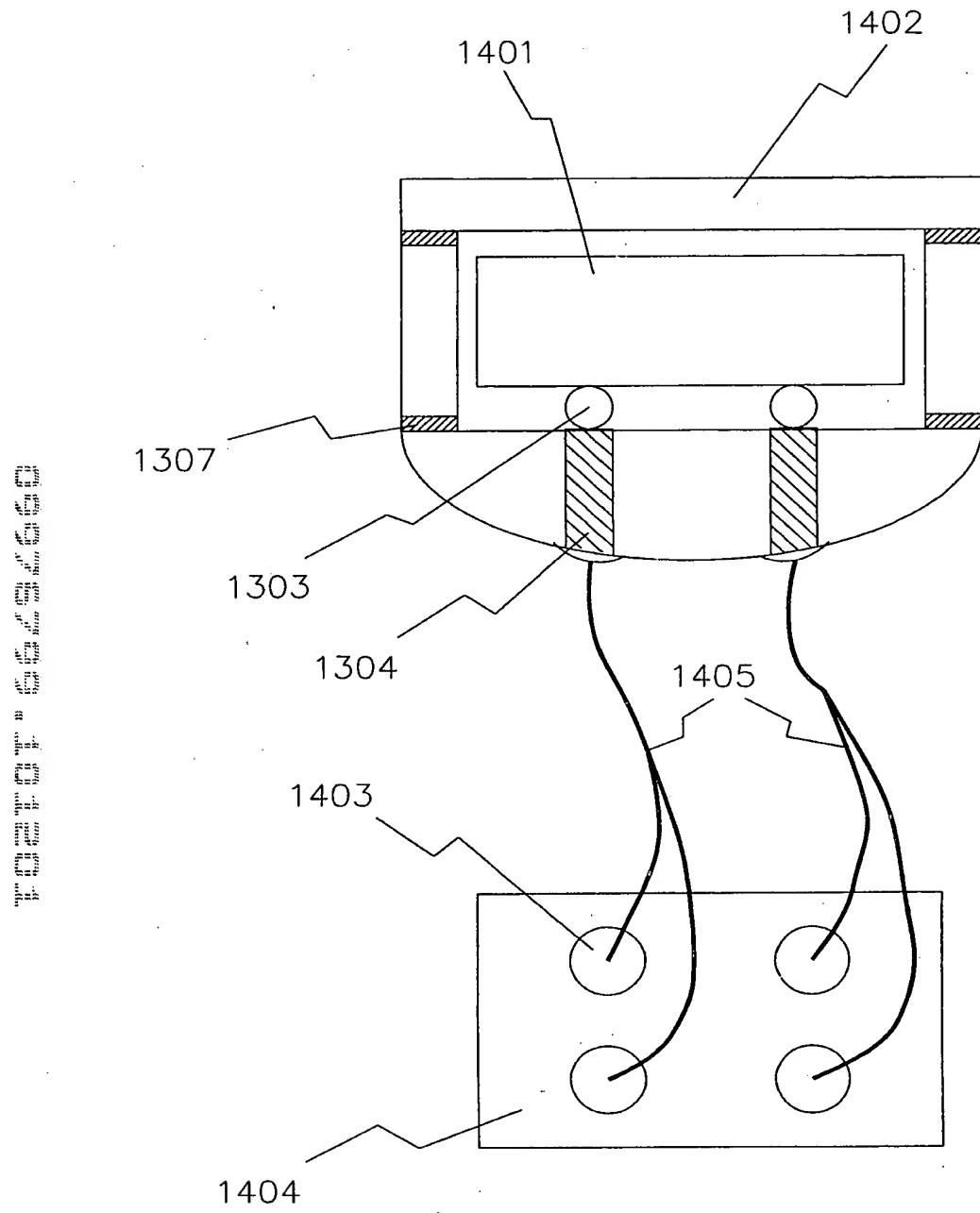


FIGURE 14

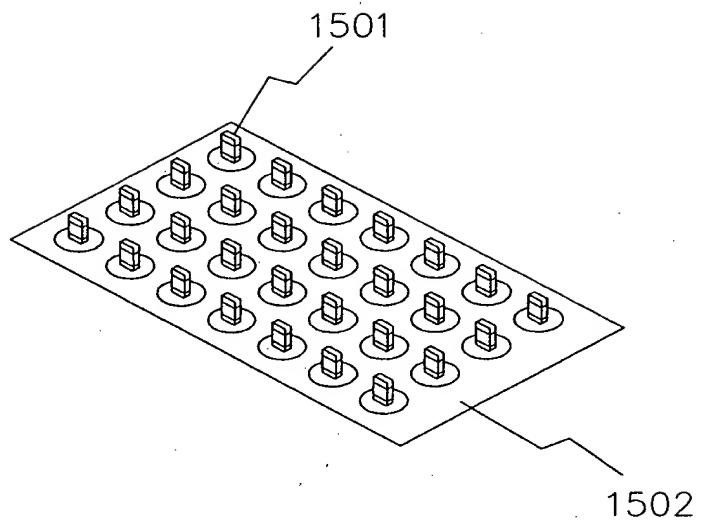


FIGURE 15

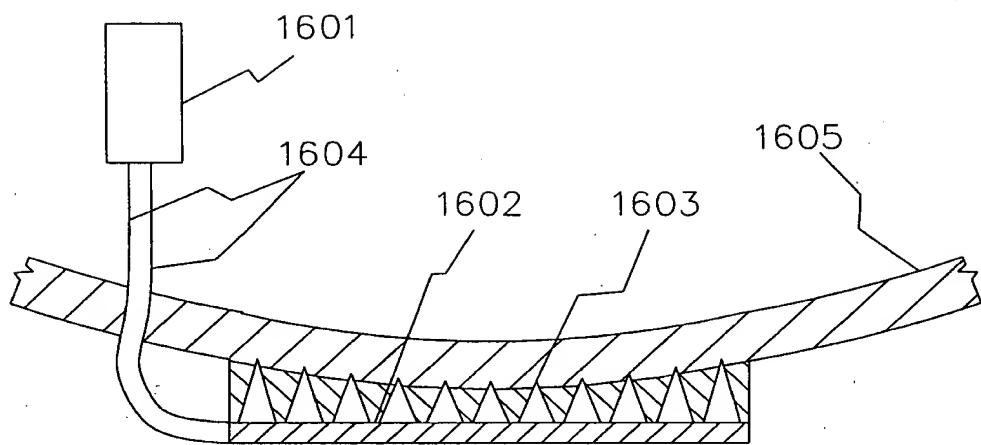


FIGURE 16a

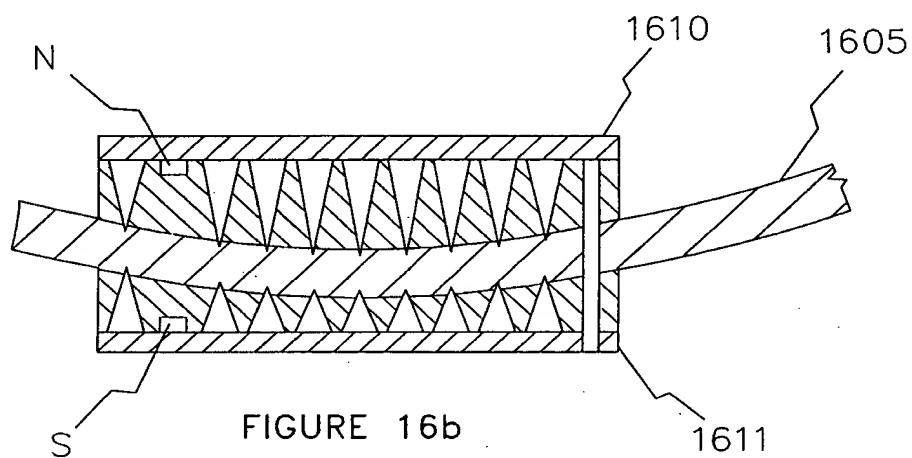


FIGURE 16b

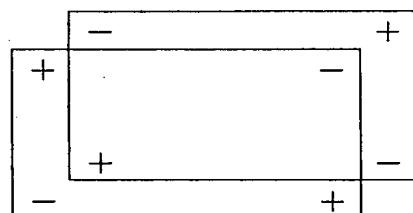
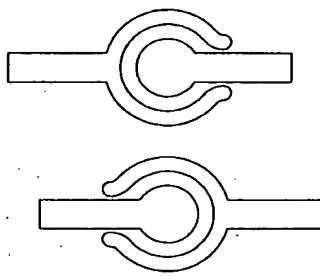


FIGURE 16c



PC PROGRAMMER

MAIN SCREEN

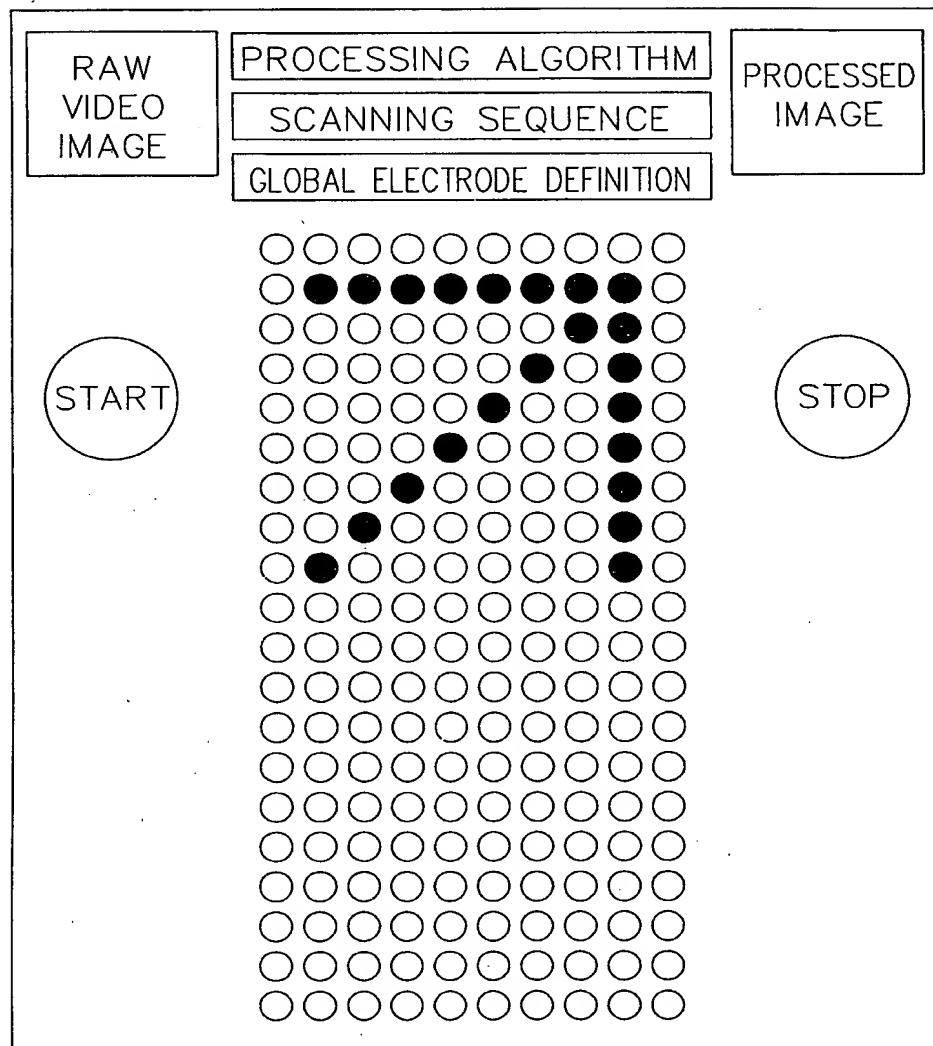
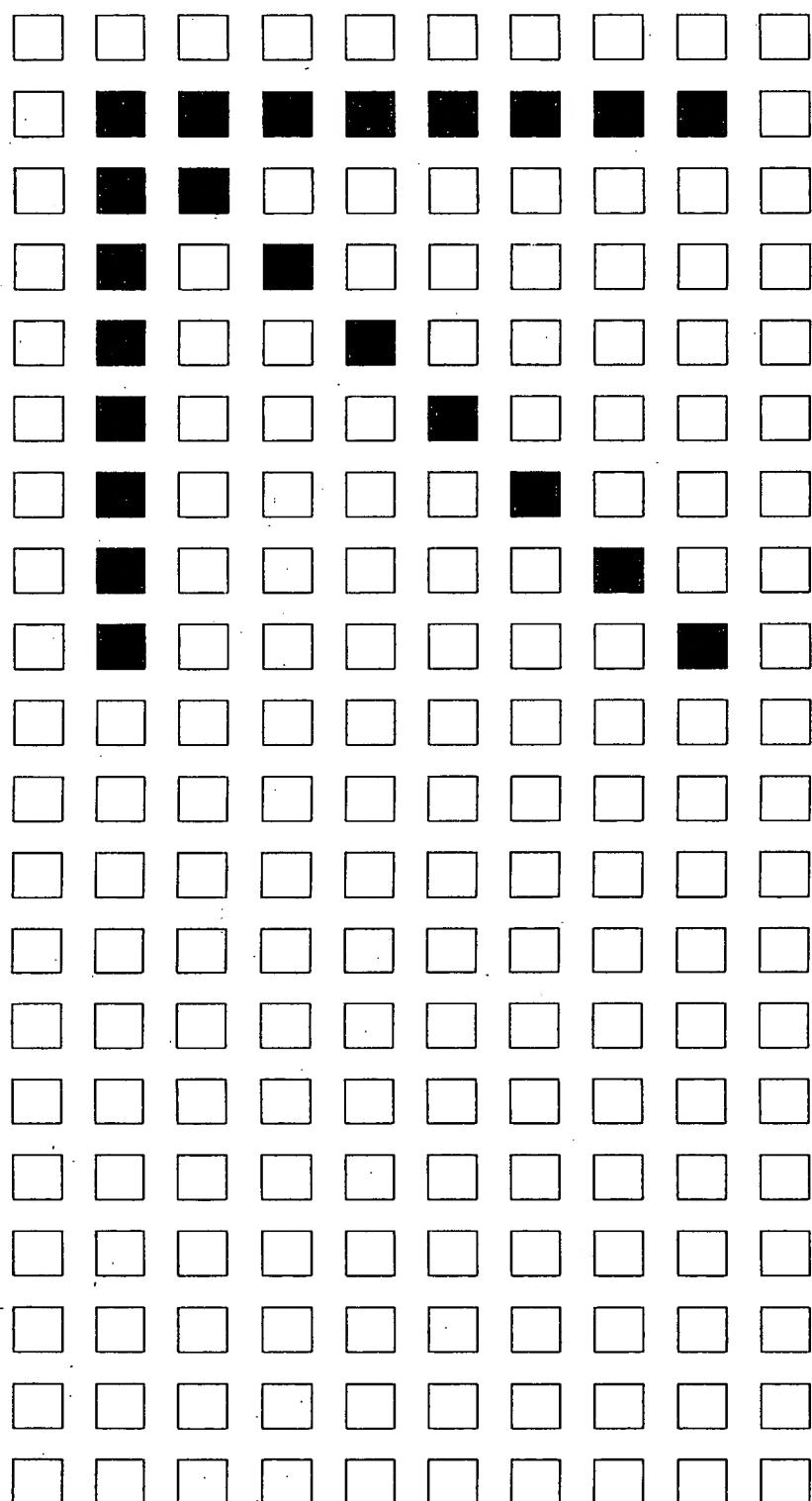


FIGURE 17a

PROCESSING ALGORITHM

PIXEL SELECTION



AVERAGE 8 SURROUNDING PIXELS

FIGURE 17b

SCANNING SEQUENCE

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200

PREDEFINED SEQUENCE

A

FIGURE 17c

ELECTRODE PARAMETERS

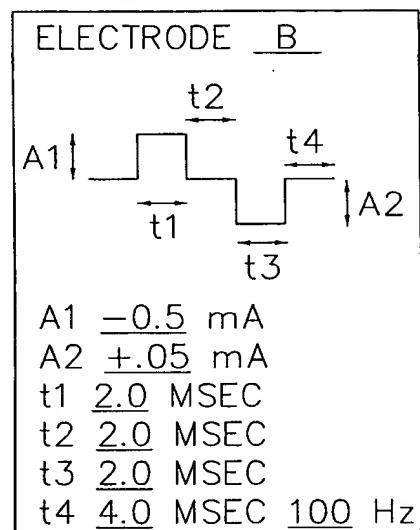


FIGURE 17d

GLOBAL ELECTRODE CONFIGURATION

- MONOPOLAR
- BIPOLAR
- MULTIPOLAR

FIGURE 17e

BIPOLAR

DEFINITION OF PAIRS

A	(1)	+	(2)	-
B	(9)	+	(10)	-
	•		•	
G	(64)	+	(65)	-
	•		•	
	ETC			

FIGURE 17f

MULTIPOLAR

DEFINITION OF MULTIPLES

A	(1)	-	(2)	-	(3)	-
	(11)	-	(12)	+	(13)	-
	(21)	-	(22)	-	(23)	-
B	(74)	-	(75)	-	(76)	-
	(84)	-	(85)	+	(86)	-
	(94)	-	(95)	-	(96)	-
	•		•		•	
	ETC					

FIGURE 17g

PALM-SIZED TEST UNIT

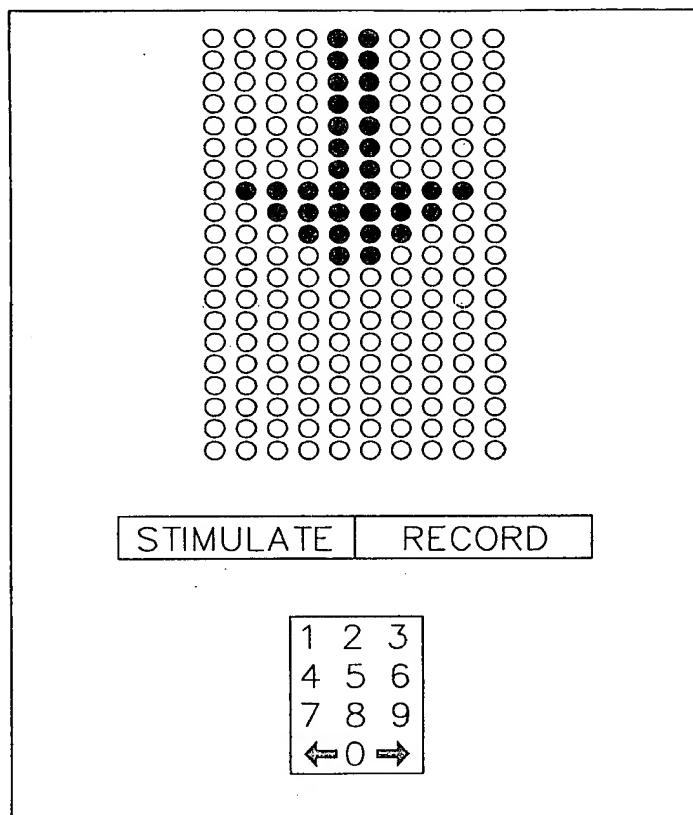


FIGURE 18a

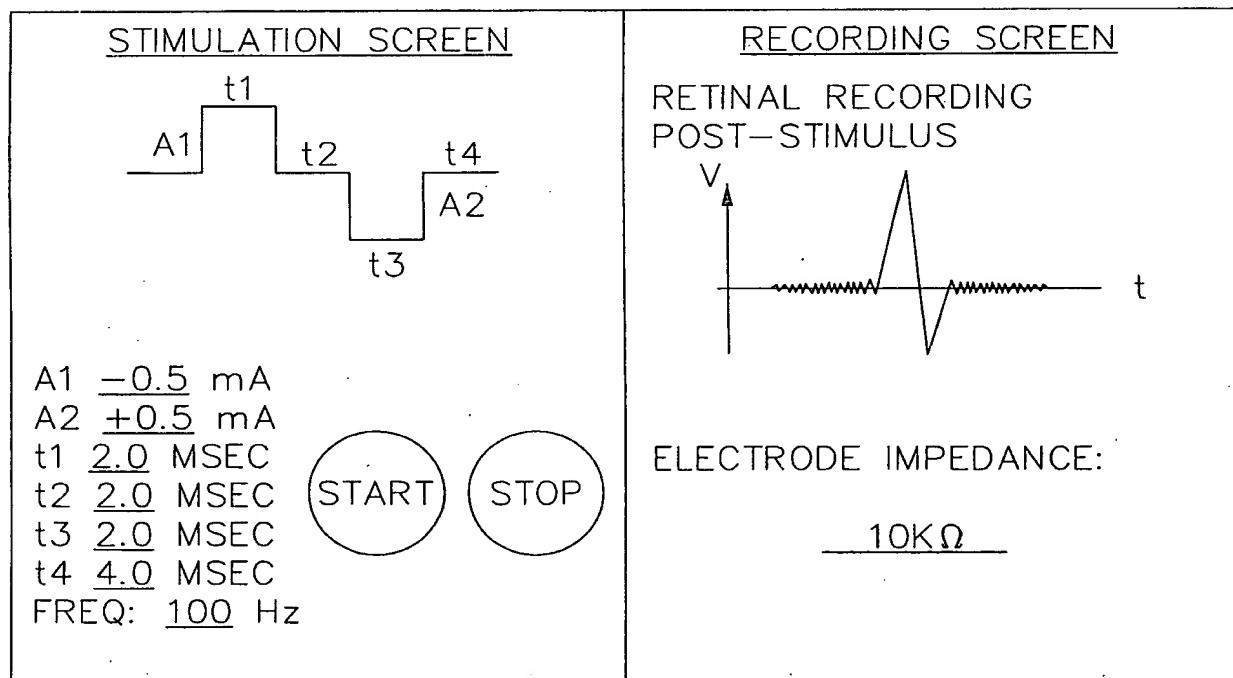


FIGURE 18b

FIGURE 18c

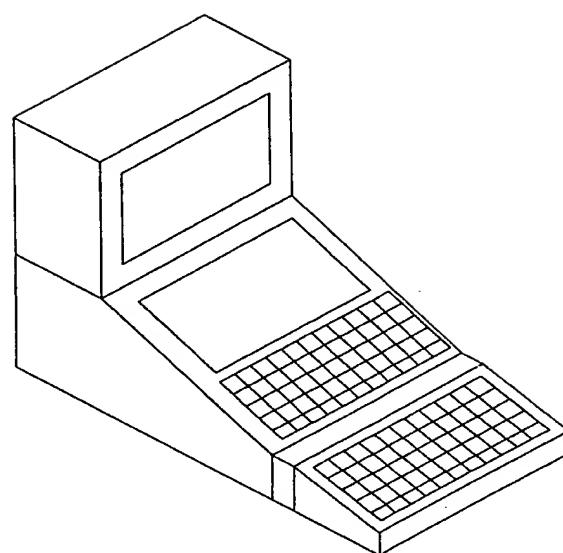


FIGURE 19a

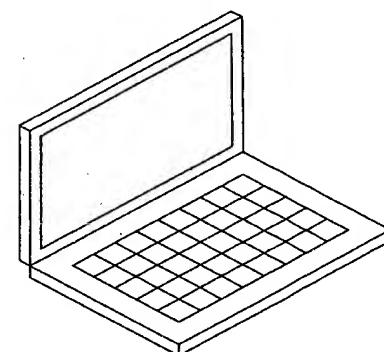


FIGURE 19b

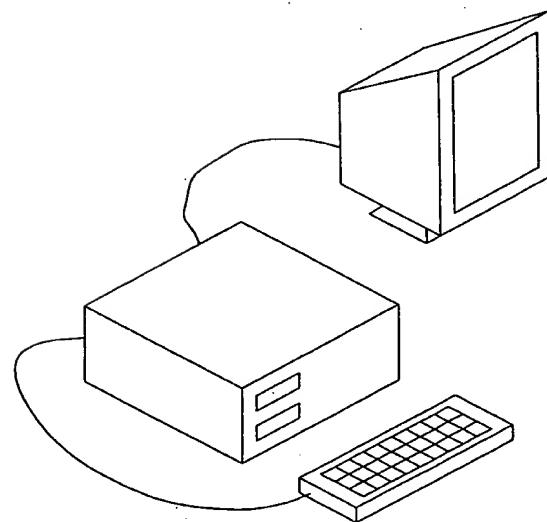


FIGURE 19c

PATIENT CONTROLLER

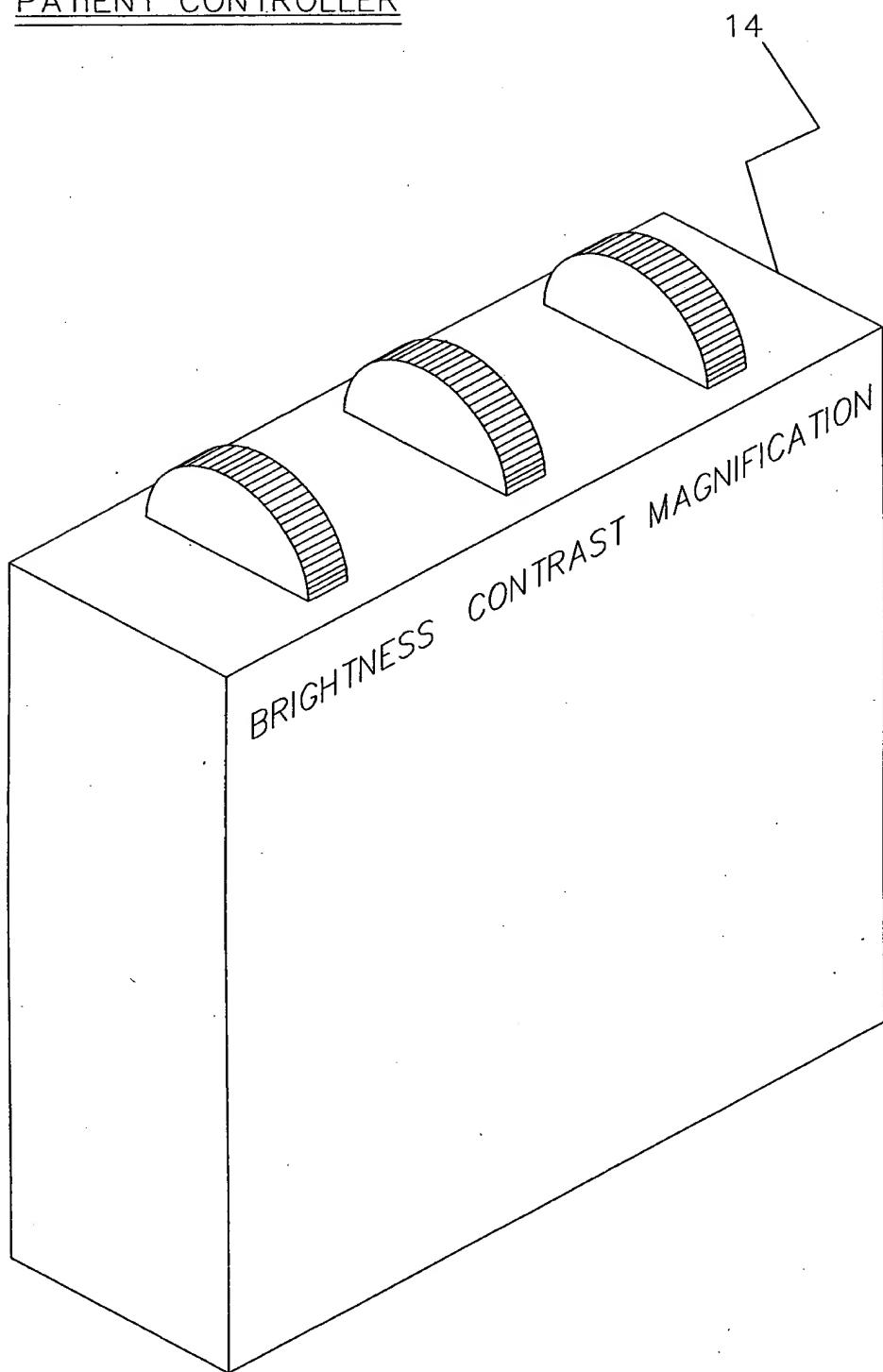


FIGURE 20